STANDARDISED MODULAR SYSTEM FOR MOULDS OF INJECTION MOULDING MACHINES

ABSTRACT

A standardised modular system (100) for moulds of injection moulding machines comprises an injection assembly (1), an ejection assembly (5), a mould (2) comprising a fixed mould half (3) associated with the injection assembly and a movable mould half (4) associated with the ejection assembly (5) and movable from a mould closed position to a mould open position, male and female mould inserts (32, 42) mounted removably in special seats provided respectively in a female mould plate (30) and a male mould plate (40) of the fixed mould half and movable so as to be modularly composable and decomposable according to the item to be moulded, first adapter means (8) disposed interchangeably between the injector assembly (1) and the fixed mould half (3) so as to allow the arrangement of the injectors (16) of the injection assembly to be varied, and second adapter means (56. 66, 67, 83) disposed interchangeably between the ejection assembly (5) and the movable mould half (4) so as to allow the arrangement of the ejectors (68, 69) of the ejection assembly to be varied .

Figure 1